



FIG. 1

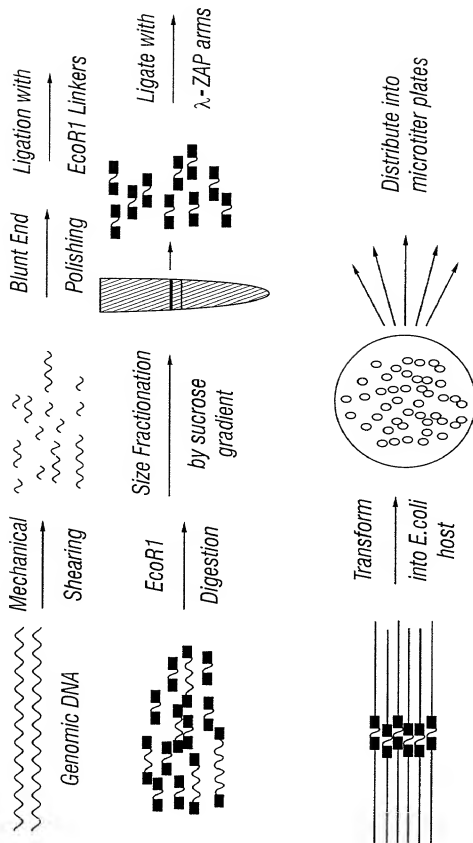


FIG. 2

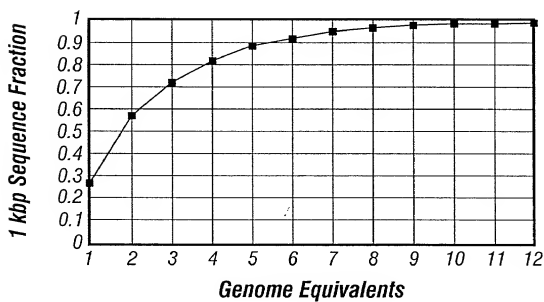


FIG. 3

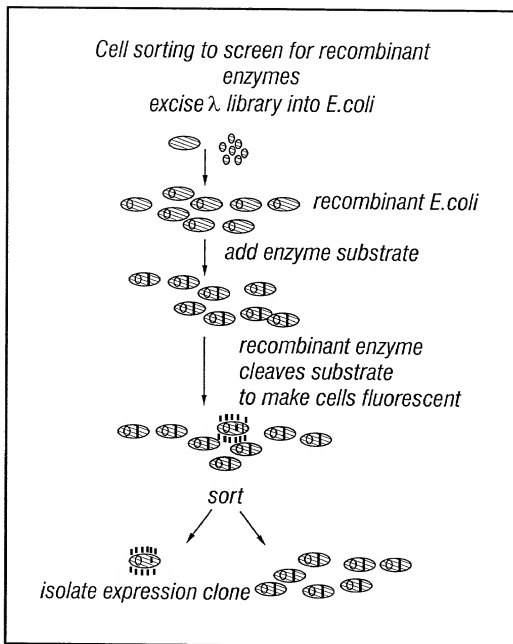
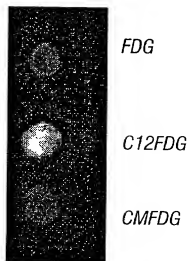


FIG. 4

β -Gal clone with different substrates

- cells were stained with FDG, CMFDG or C12FDG, incubated for 30 min. at 70°C, spotted onto a slide and exposed to UV light.
- bright spot indicates staining of cells

**FIG. 5**

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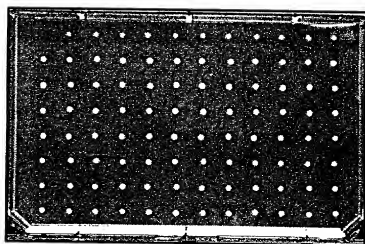


FIG. 6

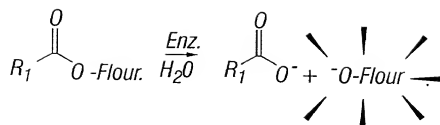


FIG. 7

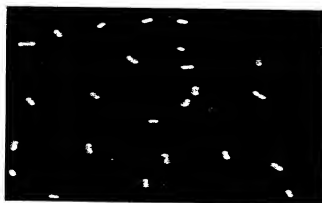
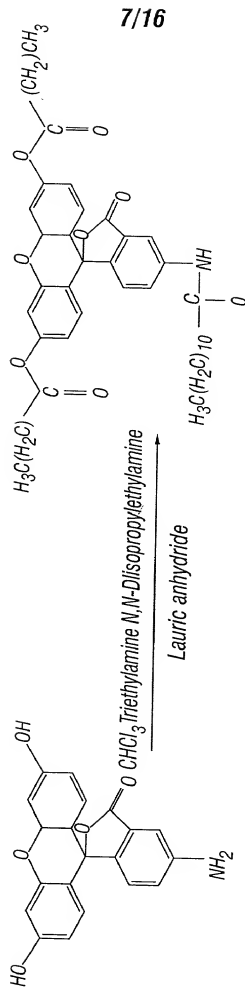


FIG. 8



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FIG. 9



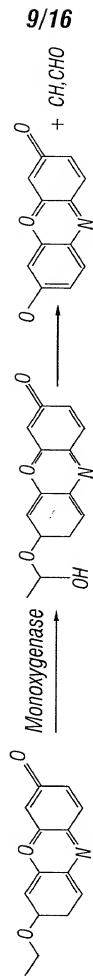


FIG. 11

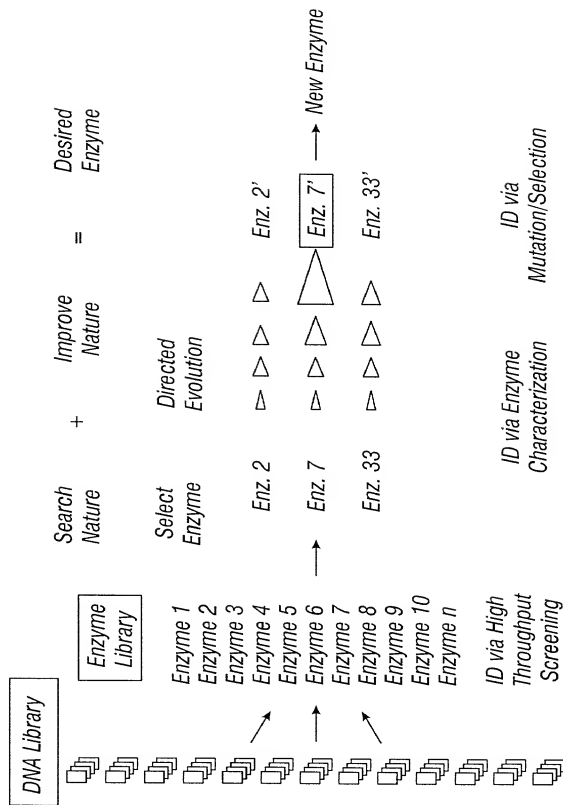


FIG. 12

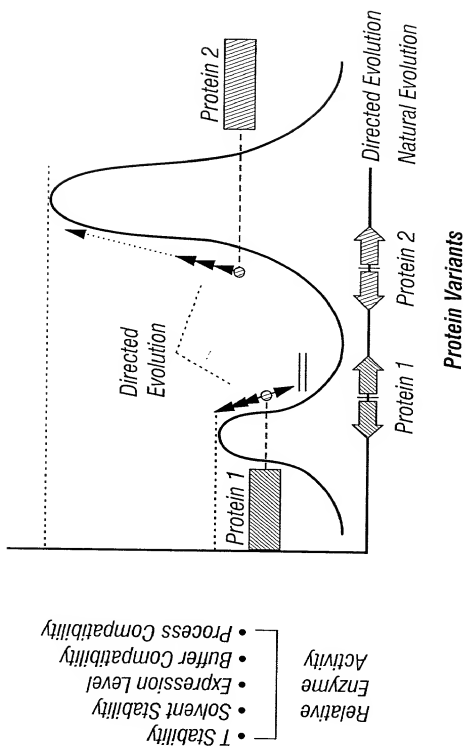


FIG. 13

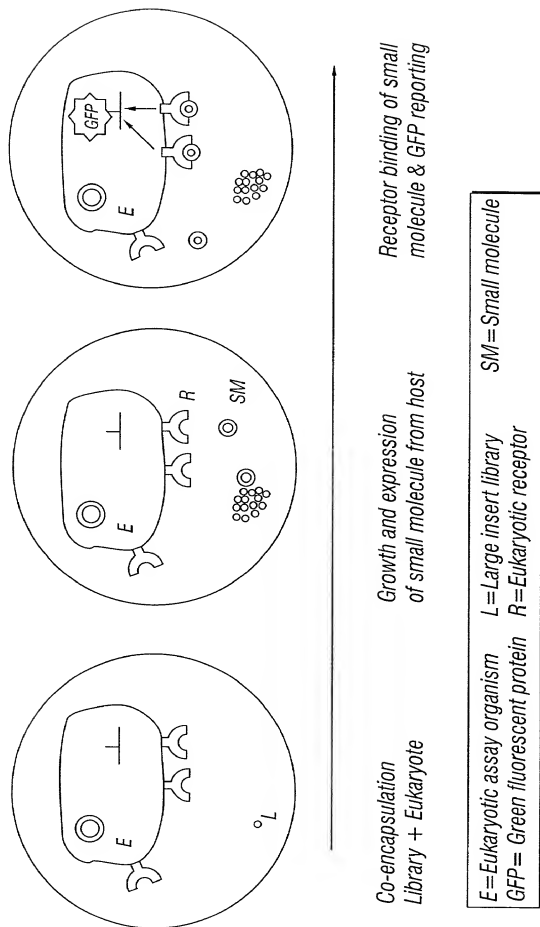


FIG. 14

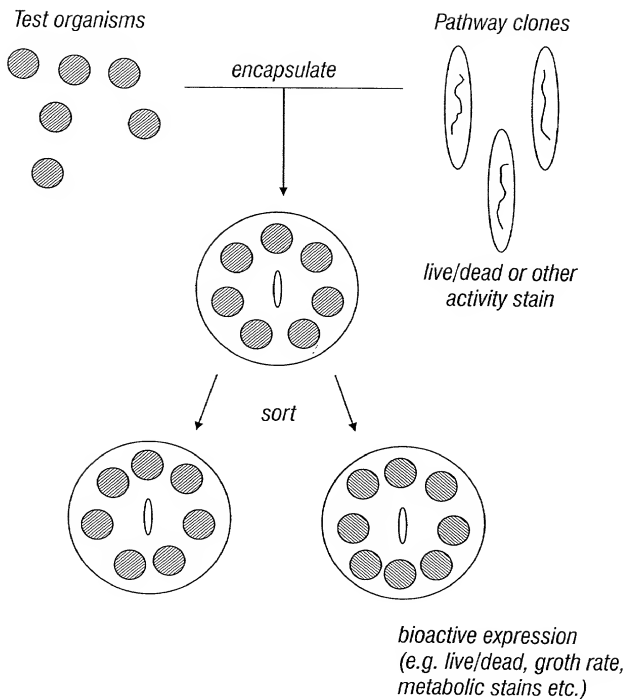
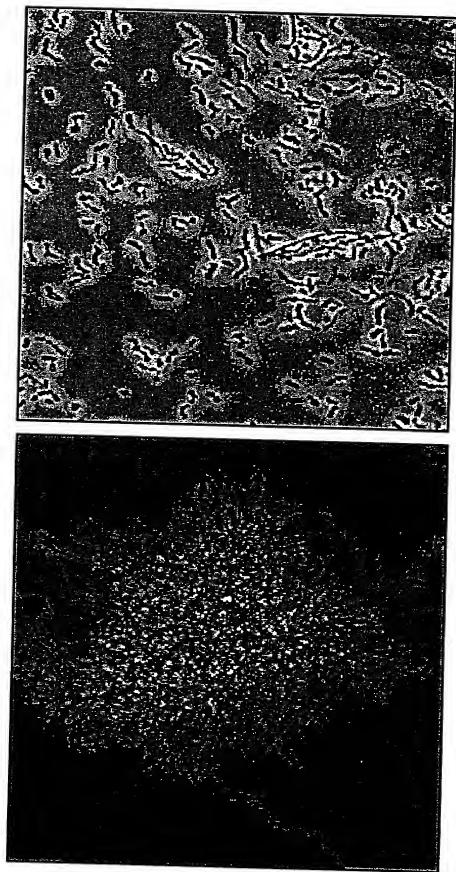


FIG. 15



Streptomyces lividans
mycelia

Streptomyces "diversa"
Unicells

FIG. 16

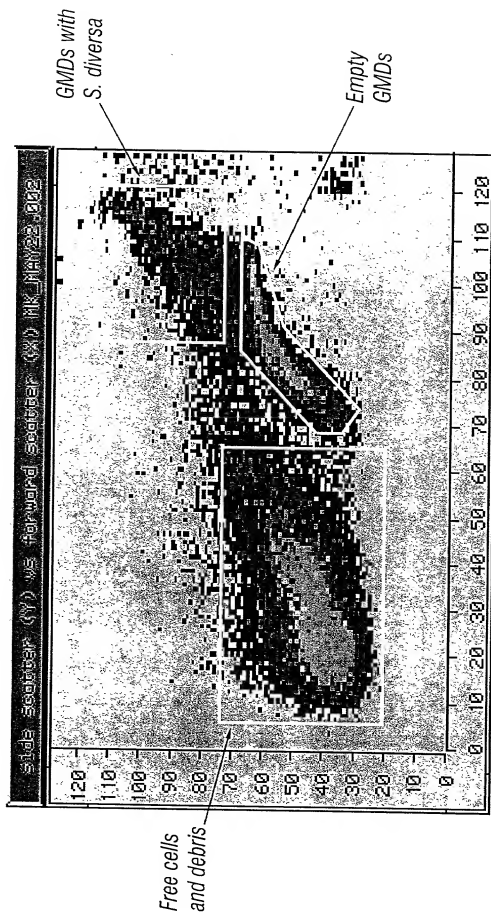


FIG. 17

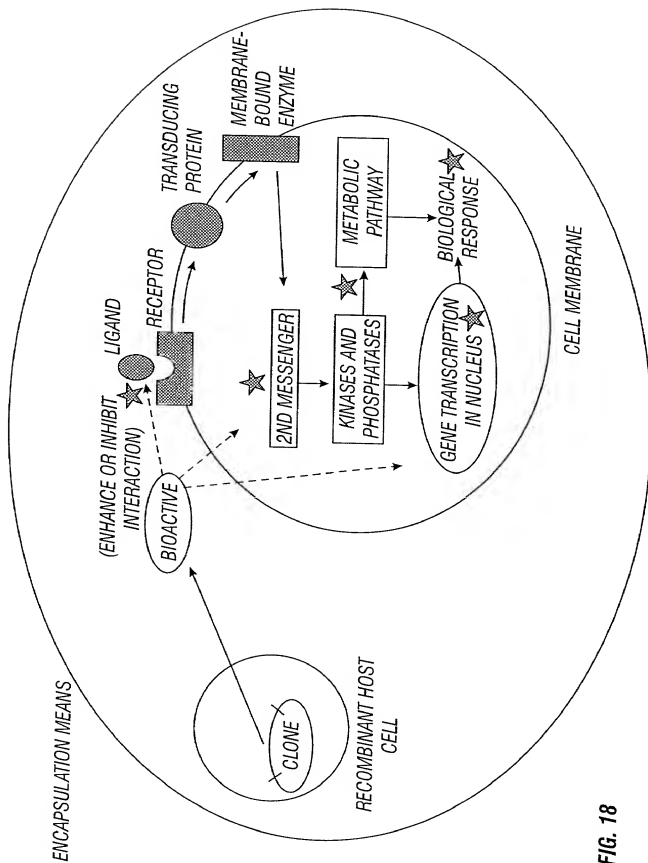


FIG. 18